

**ABSTRACT**

Disclosed is a surface finishing pad (59) having a dust extraction aperture (60). The pad may have multiple finishing areas (63) or a number of pads may be mounted to a mounting plate (48, 62) that is driven by orbital drive means. The dust extraction apertures align (60) with vacuum ports through which dust may be carried away from a surface undergoing finishing. The mounting plate (48) may have a plurality of channels (46) to direct dust to vacuum ports for extraction. The pad and the machine disclosed, which uses the pads, allows large areas to be finished without dust clogging the pads.

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